



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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## INSPECTION REPORT

Partial: \_\_\_\_\_ Complete: XXX Exploration: \_\_\_\_\_  
Inspection Date & Time: 07/09/2001 10:00 a.m. - 3:10 p.m.  
Date of Last Inspection: 07/09/2001

Mine Name: Des Bee Dove Mine County: Emery Permit Number: [REDACTED]  
Permittee and/or Operator's Name: PacifiCorp  
Business Address: P.O. Box 310, Huntington, Utah 84528  
Type of Mining Activity: Underground XXX Surface \_\_\_\_\_ Prep. Plant \_\_\_\_\_ Other \_\_\_\_\_  
Company Official(s): Dennis Oakley, Chuck Semborski  
State Official(s): Ken Wyatt, Susan White Federal Official(s): Henry Austin  
Weather Conditions: \_\_\_\_\_  
Existing Acreage: Permitted 2760 Disturbed 24 Regraded 1.5 Seeded \_\_\_\_\_  
Status: Active Reclamation XXX

### REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
  - a. For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
  - b. For partial inspections check only the elements evaluated.
2. Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL ISSUES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4 <sup>th</sup> Quarter- April, May, June)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

## INSPECTION REPORT

(Continuation sheet)

PERMIT NUMBER: C/015/017

DATE OF INSPECTION: 08/15/2001

( COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE )

**Photos taken during the inspection are available at:**

<ftp://dogm.nr.state.ut.us/PUB/MINES/Coal/C015/017/Images/08152001/>

### 1. PERMITS, CHANGE, TRANSFER, SALE

The mine permit was renewed on August 8, 2000, by Lowell Braxton of the Division.

A plan to reclaim the Beehive and Little Dove mine pad and access road was received by the Division on March 30, 2001. The permit review resulted in a deficiency letter to Energy West dated April 20, 2001. Responses were due in June 2001, but Energy West was given an extension until August 15, 2001. To date, no response has been received by the Division.

### 2. SIGNS AND MARKERS

The mine access sign was present and contained the appropriate information at the mine entrance and at the sediment pond. Perimeter markers were observed above the cut slopes around the mine and at various locations below the mine disturbances.

### 3. TOPSOIL

NOV N01-7-1-1 was issued on July 9, 2001 involving salvaging suitable plant growth materials from surface areas disturbed during the coal removal operations. No attempt was made to segregate and stockpile the top 18 - 24 inches of soil material during the coal removal work. The abatement required development of a soil management plan to be submitted by September 9, 2001.

### 4a. HYDROLOGIC BALANCE: DIVERSIONS

The storm discussed in the Slides and Other Damage section caused erosion and damage throughout the mine site. Debris was observed deposited across the road in numerous places. The operator was in the process of repairing berms, diversions, and catch basins using a small backhoe.

Flows through the excavated Tipple pad created large erosion channels 6 to 8 feet deep through the remaining coal and spoil. In places, bed rock could be seen in the channel bottom. Most of the eroded material was retained on site in the depression at the toe of the tipple pad.

**INSPECTION REPORT**  
(Continuation sheet)

PERMIT NUMBER: C/015/017

DATE OF INSPECTION: 08/15/2001

**4b. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS**

The sediment pond received runoff from the past storm. The water level was above the primary spillway but well below the emergency spillway. Energy West indicated that this pond will likely require cleaning within the next year.

**4c. HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES**

Many rills and gullies were observed in the exposed areas that were recently disturbed for the coal excavation work. Most of the runoff was retained in an impoundment formed by a large depression at the base of the coal excavation area. During the storm event, runoff was retained within the mine's disturbed area. Should this impoundment fail or overtop during another storm, significant amounts of coal could be transported down canyon off of the mine site.

Henry Austin and DOGM personnel discussed permitting the ephemeral channel between the mine's disturbed area boundary and the sediment pond. No resolution was achieved on this issue. The problem lies in the mine area being permitted as a separate disturbed area from the sediment pond. In order for runoff to go from the mine disturbance to the sediment pond, it must first go off site from the mine into the ephemeral channel for about ½ mile and then back on site into the sediment pond. This is a permitting deficiency that has been present for many years. Energy West indicated that they would rather not permit this channel since it contains a fair amount of debris and other coal from adjacent abandoned mines.

A possible solution would be to revise the permit to include the stream channel into the disturbed area thereby connecting the mine disturbance with the sediment pond. The permit language would have to spell out the understanding between DOGM and Energy West that no additional work would be required to reclaim this stream channel. This would not change the bond amount and would provide a continuous disturbed area boundary hereby eliminating the potential for materials to be transported off site during future storm events.

**4d. HYDROLOGIC BALANCE: WATER MONITORING**

No discharge had occurred from the sediment pond during the last month. The storm discussed in section 10 raised the water level in the pond above the primary spillway. No flow occurred over the emergency spillway. No samples have been collected to date for the third quarter 2001.

## INSPECTION REPORT

(Continuation sheet)

PERMIT NUMBER: C/015/017

DATE OF INSPECTION: 08/15/2001

### 6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES

The fill, soil, coal, and spoil currently stored on the bath house pad received runoff from the areas above the pad. Numerous areas were noted where runoff had ponded on the fill.

### 7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS

The coal excavation project is complete. According to Energy West, more than 100 thousand tons of coal was removed.

### 10. SLIDES AND OTHER DAMAGE

On Tuesday afternoon, August 14, 2001, Chuck Semborski called the DOGM office to report that the Des Bee Dove site received a significant thunderstorm sometime earlier this week. According to Mr. Semborski, Dennis Oakley was on site and had reported that large flows had occurred throughout the site causing a fair amount of damage to the area.

### 11. CONTEMPORANEOUS RECLAMATION

Runoff from the access road and the adjacent AML site flowed down across the pumphouse reclaimed area. This caused some erosion but the roughness of the reclaimed site retained much of the runoff in pockets. The site held up well. Vegetation is establishing well for the first year. Plants observed included: sage, grasses, Penstemon along with weedy species like Halogeton and Russian Thistle.

### 12. BACKFILLING AND GRADING

Fill material generated during the coal excavation project was hauled and end-dumped on the bath house pad. The approved reclamation plan indicates that backfilling will be constructed with maximum 18-inch lifts and compacted with heavy machinery, (Des Bee Dove MRP Page 4-1).

To date, this material has been end-dumped with no compaction. During the upcoming reclamation work, this fill will need to be re-graded into the specified lifts with proper compaction between lifts. Mr. Semborski indicated that during reclamation the material would be re-graded and sorted to remove the large boulders from the finer material prior to constructing the lifts.

**INSPECTION REPORT**  
(Continuation sheet)

PERMIT NUMBER: C/015/017

DATE OF INSPECTION: 08/15/2001

**16b. ROADS: DRAINAGE CONTROLS**

The recent storm runoff moved debris, rock, and soils in numerous places. The access road was covered with debris below the mine gate. Energy West was in the process of repairing road diversions and berms. The catch basin at the switchback by the mine gate withstood the high flow. The basin will need to be cleaned. Other ditches and diversions will need to be cleaned and repaired as needed.

**21. BONDING & INSURANCE**

The reclamation Surety in the amount of \$1,837,712 was observed at the mine office. The surety is with St Paul Fire and Marine Insurance Co.

A certificate of Liability Insurance was available in the mine office. This is policy #U0614A1A00 effective August 1, 2000 through April 1, 2002. The policy is with Associated Electric and Gas Insurance Services LTD. for \$2,000,000 commercial General Liability. Excess liability is at \$20,000,000.

Inspector's Signature: \_\_\_\_\_

Ken Wyatt # 7

Date: August 17, 2001

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas & Mining.

cc: James Fulton, OSM  
Chuck Semborski, PacifiCorp  
Price Field Office

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